

Figure 1

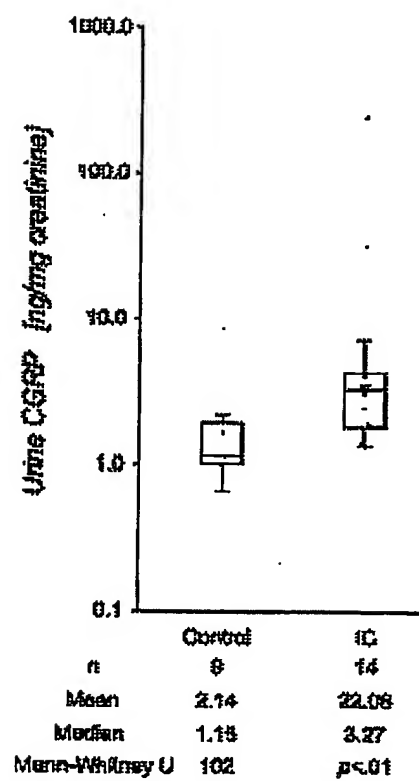
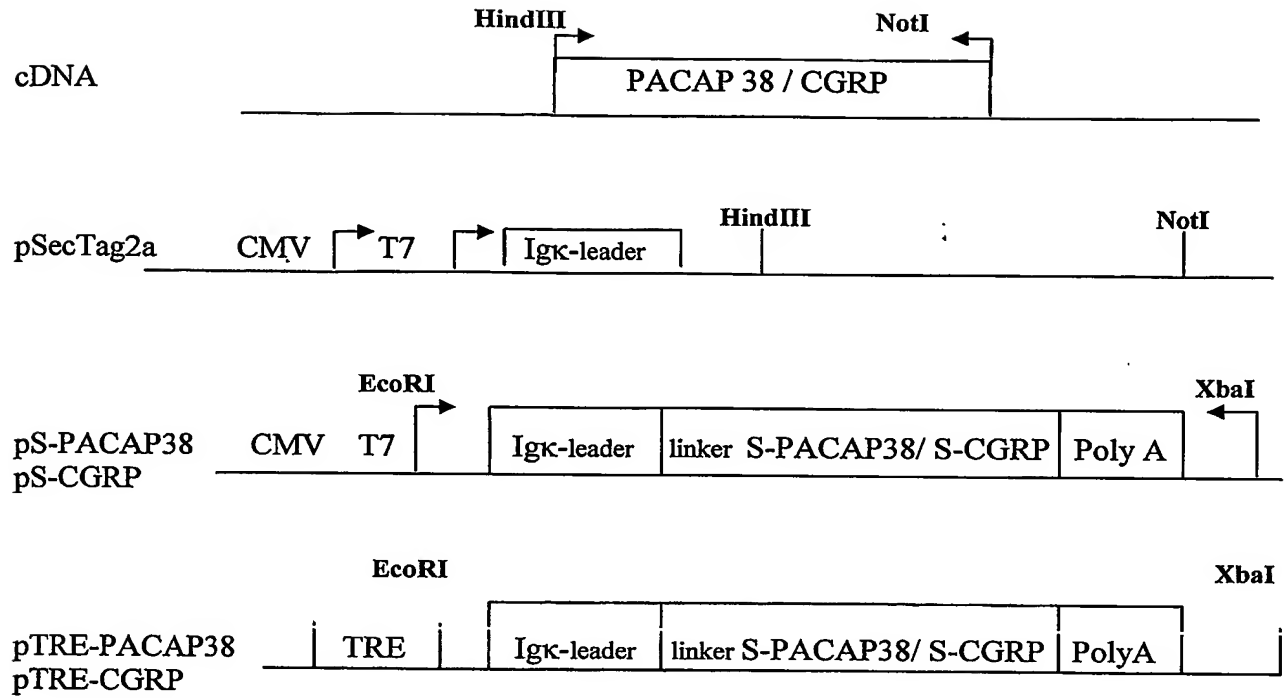
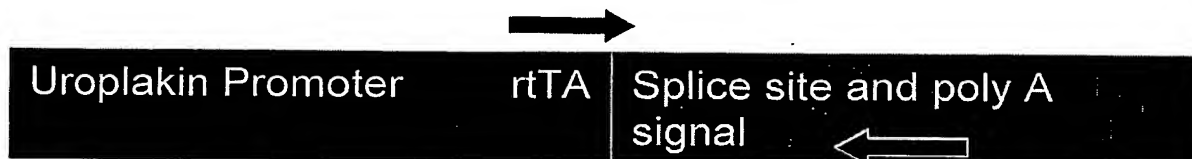


Figure 2

**Figure 3A****Figure 3B**

GACGGATCGG	GAGATCTCCC	GATCCCCTAT	GGTCGACTCT	CAGTACAATC	
TGCTCTGATG	CCGCATAGTT	AAGCCAGTAT	CTGCTCCCTG	CTTGTGTGTT	100
GGAGGTCGCT	GAGTAGTGCG	CGAGCAAAAT	TTAAGCTACA	ACAAGGCAAG	
GCTTGACCGA	CAATTGCATG	AAGAATCTGC	TTAGGGTTAG	GCGTTTTGCG	200
CTGCTTCGCG	ATGTACGGGC	CAGATATACG	CGTTGACATT	GATTATTGAC	
TAGTTATTAA	TAGTAATCAA	TTACGGGGTC	ATTAGTTCAT	AGCCCATATA	300
TGGAGTTCCG	CGTTACATAA	CTTACGGTAA	ATGGCCCGCC	TGGCTGACCG	
CCCAACGACC	CCCGCCCAT	GACGTCAATA	ATGACGTATG	TTCCCATAGT	400
AACGCCAATA	GGGACTTTCC	ATTGACGTCA	ATGGGTGGAC	TATTTACGGT	
AAACTGCCCA	CTTGGCAGTA	CATCAAGTGT	ATCATATGCC	AAGTACGCCC	500
CCTATTGACG	TCAATGACGG	TAAATGGCCC	GCCTGGCATT	ATGCCCAGTA	
CATGACCTTA	TGGGACTTTC	CTACTTGCCA	GTACATCTAC	GTATTAGTCA	600
TCGCTATTAC	CATGGTGATG	CGGTTTTGGC	AGTACATCAA	TGGGCGTGGA	
TAGCGGTTTG	ACTCACGGGG	ATTTCCAAGT	CTCCACCCCA	TTGACGTCAA	700
TGGGAGTTTG	TTTTGGCACC	AAAATCAACG	GGACTTTCCA	AAATGTCGTA	
ACAACCTCCG	CCCATTGACG	CAAATGGGCG	GTAGGCGTGT	ACGGTGGGAG	800
GTCTATATAA	GCAGAGCTCT	CTGGCTAACT	AGAGAACCCA	CTGCTTACTG	
GCTTATCGAA	ATTAATACGA	CTCACTATAG	GGAGACCCAA	GCTGGCTAGC	900
CACCATGGAG	ACAGACACAC	TCCTGCTATG	GGTACTGCTG	CTCTGGGTTC	
CAGGTTCCAC	TGGTGACGCG	GCCCAGCCGG	CCAGGCGCAG	GAGGCACTCG	1000
GACGGGATCT	TCACGGACAG	CTACAGCCGC	TACCGGAAAC	AAATGGCTGT	
CAAGAAATAC	TTGGCGGCCG	TCCTAGGGAA	GAGGTATAAA	CAAAGGGTTA	1100
AAAACAAAGG	ATGACGAACA	AAAATCATC	TCAGAAGAGG	ATCTGAATAG	
CGCCGTCGAC	CATCATCATC	ATCATCATTG	AGTTTAAACC	CGCTGATCAG	1200
CCTCGACTGT	GCCTTCTAGT	TGCCAGCCAT	CTGTTGTTTG	CCCCTCCCCC	
GTGCCTTCCT	TGACCTTGGG	AGGTGCCACT	CCCACTGTCC	TTTCTTAATA	1300
AAATGAGGAA	ATTGCATCGC	ATTGCTTGAG	TAGGTGTCAT	TCTATTCTGG	
GGGGTGGGGT	GGGGCAGGAC	AGCAAGGGGG	AGGATTGGGA	AGACAATAGC	1400
AGGCATGCTG	GGGATGCGGT	GGGCTCTATG	GCTTCTGAGG	CGGAAAGAAC	
CAGCTGGGGC	TCTAGGGGGT	ATCCCCACGC	GCCCTGTAGC	GGCGCATTA	1500
GCGCGGCGGG	TGTGGTGGTT	ACGCGCAGCG	TGACCGCTAC	ACTTGCCAGC	
GCCCTAGCGC	CCGCTCCTTT	CGCTTCTTTC	CCTTCCTTTC	TCGCCACGTT	1600
CGCCGGCTTT	CCCCGTCAAG	CTCTAAATCG	GGGCATCCCT	TTAGGGTTCC	
GATTTAGTGC	TTTACGGCAC	CTCGACCCCA	AAAACTTGA	TTAGGGTGAT	1700
GGTTCACGTA	GTGGGCCATC	GCCCTGATAG	ACGGTTTTTC	GCCCTTTGAC	
GTTGGAGTCC	ACGTTCTTTA	ATAGTGGACT	CTTGTTCCAA	ACTGGAACAA	1800
CACTCAACCC	TATCTCGGTC	TATTCTTTTG	ATTTATAAGG	GATTTTGGGG	
ATTTCGGCCT	ATTGGTTAAA	AAATGAGCTG	ATTTAACAAA	AATTTAACGC	1900
GAATTAATTC	TGTGGAATGT	GTGTCAGTTA	GGGTGTGGAA	AGTCCCCAGG	
CTCCCCAGCA	GGCAGAAGTA	TGCAAAAGCAT	GCATCTCAAT	TAGTCAGCAA	2000
CCAGGTGTGG	AAAGTCCCCA	GGCTCCCCAG	CAGGCAGAAG	TATGCAAAGC	
ATGCATCTCA	ATTAGTCAGC	AACCATAGTC	CCGCCCCTAA	CTCCGCCCAT	2100
CCCGCCCCTA	ACTCCGCCCA	GTTCCGCCCA	TTCTCCGCCC	CATGGCTGAC	
TAATTTTTTT	TATTTATGCA	GAGGCCGAGG	CCGCCTCTGC	CTCTGAGCTA	2200
TTCCAGAAGT	AGTGAGGAGG	CTTTTTTGGA	GGCCTAGGCT	TTTGCAAAAA	
GCTCCCGGGA	GCTTGATATAT	CCATTTTCGG	ATCTGATCAG	CACGTGTTGA	2300
CAATTAATCA	TCGGCATAGT	ATATCGGCAT	AGTATAATAC	GACAAGGTGA	

Figure 4A

GGAACATAAC	CATGGCCAAG	TTGACCAGTG	CCGTTCCGGT	GCTCACCGCG	2400
CGCGACGTCG	CCGGAGCGGT	CGAGTTCTGG	ACCGACCGGC	TCGGGTTCCTC	
CCGGGACTTC	GTGGAGGACG	ACTTCGCCGG	TGTGGTCCGG	GACGACGTGA	2500
CCCTGTTTCAT	CAGCGCGGTC	CAGGACCAGG	TGGTGCCGGA	CAACACCCCTG	
GCCTGGGTGT	GGGTGCGCGG	CCTGGACGAG	CTGTACGCCG	AGTGGTCGGA	2600
GGTCGTGTCC	ACGAACTTCC	GGGACGCCTC	CGGGCCGGCC	ATGACCGAGA	
TCGGCGAGCA	GCCGTGGGGG	CGGGAGTTCG	CCCTGCGCGA	CCCGGCCGGC	2700
AACTGCGTGC	ACTTCGTGGC	CGAGGAGCAG	GACTGACACG	TGCTACGAGA	
TTTCGATTCC	ACCGCCGCCT	TCTATGAAAG	GTTGGGCTTC	GGAATCGTTT	2800
TCCGGGACGC	CGGCTGGATG	ATCCTCCAGC	GCGGGGATCT	CATGCTGGAG	
TTCTTCGCC	ACCCCAACTT	GTTTATTGCA	GCTTATAATG	GTTACAAATA	2900
AAGCAATAGC	ATCACAAAT	TCACAAATAA	AGCATTTTTT	TCACTGCATT	
CTAGTTGTGG	TTTGTCCAAA	CTCATCAATG	TATCTTATCA	TGTCTGTATA	3000
CCGTCGACCT	CTAGCTAGAG	CTTGGCGTAA	TCATGGTCAT	AGCTGTTTCC	
TGTGTGAAAT	TGTTATCCGC	TCACAAATTC	ACACAACATA	CGAGCCGGAA	3100
GCATAAAGTG	TAAAGCCTGG	GGTGCCTAAT	GAGTGAGCTA	ACTCACATTA	
ATTGCGTTGC	GCTCACTGCC	CGCTTTCCAG	TCGGGAAACC	TGTCGTGCCA	3200
GCTGCATTAA	TGAATCGGCC	AACGCGCGGG	GAGAGGCGGT	TTGCGTATTG	
GGCGCTCTTC	CGCTTCCTCG	CTCACTGACT	CGCTGCGCTC	GGTCGTTCGG	3300
CTGCGGCGAG	CGGTATCAGC	TCACTCAAAG	GCGGTAATAC	GGTTATCCAC	
AGAATCAGGG	GATAACGCAG	GAAAGAACAT	GTGAGCAAAA	GGCCAGCAAA	3400
AGGCCAGGAA	CCGTAAAAAG	GCCGCGTTGC	TGGCGTTTTT	CCATAGGCTC	
CGCCCCCTG	ACGAGCATCA	CAAAAATCGA	CGCTCAAGTC	AGAGGTGGCG	3500
AAACCCGACA	GGACTATAAA	GATACCAGGC	GTTTCCCCCT	GGAAAGCTCCC	
TCGTGCGCTC	TCCTGTTCGG	ACCCTGCCGC	TTACCGGATA	CCTGTCCGCC	3600
TTTCTCCCTT	CGGGAAGCGT	GGCGCTTTCT	CAATGCTCAC	GCTGTAGGTA	
TCTCAGTTCC	GTGTAGGTCG	TTGCTCCAA	GCTGGGCTGT	GTGCACGAAC	3700
CCCCCGTTCA	GCCCCACCGC	TGCGCCTTAT	CCGGTAACTA	TCGTCTTGAG	
TCCAACCCGG	TAAGACACGA	CTTATCGCCA	CTGGCAGCAG	CACTGGGTAA	3800
CAGGATTAGC	AGAGCGAGGT	ATGTAGGCGG	TGCTACAGAG	TTCTTGAAGT	
GGTGGCCTAA	CTACGGCTAC	ACTAGAAGGA	CAGTATTTGG	TATCTGCGCT	3900
CTGCTGAAGC	CAGTTACCTT	CGGAAAAAGA	GTTGGTAGCT	CTTGATCCGG	
CAAACAAACC	ACCGCTGGTA	GCGGTGGTTT	TTTTGTTTGC	AAGCAGCAGA	4000
TTACGCGCAG	AAAAAAAGGA	TCTCAAGAAG	ATCCTTTGAT	CTTTTCTACG	
GGGTCTGACG	CTCAGTGGA	CGAAACTCA	CGTTAAGGGA	TTTTGGTCAT	4100
GAGATTATCA	AAAAGGATCT	TCACCTAGAT	CCTTTTAAAT	TAAAAATGAA	
GTTTTAAATC	AATCTAAAGT	ATATATGAGT	AACTTGGTTC	TGACAGTTAC	4200
CAATGCTTAA	TCAGTGAGGC	ACCTATCTCA	GCGATCTGTC	TATTTCTGTT	
ATCCATAGTT	GCCTGACTCC	CCGTCGTGTA	GATAACTACG	ATACGGGAGG	4300
GCTTACCATC	TGGCCCCAGT	GCTGCAATGA	TACCGCGAGA	CCCACGCTCA	
CCGGCTCCAG	ATTTATCAGC	AATAAACCAG	CCAGCCGGAA	GGGCCGAGCG	4400
CAGAAGTGGT	CCTGCAACTT	TATCCGCCTC	CATCCAGTCT	ATTAATTGTT	
GCCGGGAAGC	TAGAGTAAGT	AGTTCGCCAG	TTAATAGTTT	GCGCAACGTT	4500
GTTGCCATTG	CTACAGGCAT	CGTGGTGTCA	CGCTCGTCGT	TTGGTATGGC	
TTCATTACAG	TCCGGTTCCC	AACGATCAAG	GCGAGTTACA	TGATCCCCCA	4600
TGTTGTGCAA	AAAAGCGGTT	AGCTCCTTCG	GTCCTCCGAT	CGTTGTCAGA	
AGTAAGTTGG	CCGCAGTGTT	ATCACTCATG	GTTATGGCAG	CACTGCATAA	4700

Figure 4B

TTCTCTTACT	GTCATGCCAT	CCGTAAGATG	CTTTTCTGTG	ACTGGTGAGT	
ACTCAACCAA	GTCATTCTGA	GAATAGTGTA	TGCGGCGACC	GAGTTGCTCT	4800
TGCCCCGGCGT	CAATACGGGA	TAATACCGCG	CCACATAGCA	GAACTTTAAA	
AGTGCTCATC	ATTGGAAAAC	GTTCTTCGGG	GCGAAAACCTC	TCAAGGATCT	4900
TACCGCTGTT	GAGATCCAGT	TCGATGTAAAC	CCACTCGTGC	ACCCAACCTGA	
TCTTCAGCAT	CTTTTACTTT	CACCAGCGTT	TCTGGGTGAG	CAAAAACAGG	5000
AAGGCAAAAT	GCCGCAAAAA	AGGGAATAAG	GGCGACACGG	AAATGTTGAA	
TACTCATACT	CTTCCTTTTT	CAATATTATT	GAAGCATTTA	TCAGGGTTAT	5100
TGTCTCATGA	GCGGATACAT	ATTTGAATGT	ATTTAGAAAA	ATAAACAAAT	
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**Figure 4C**

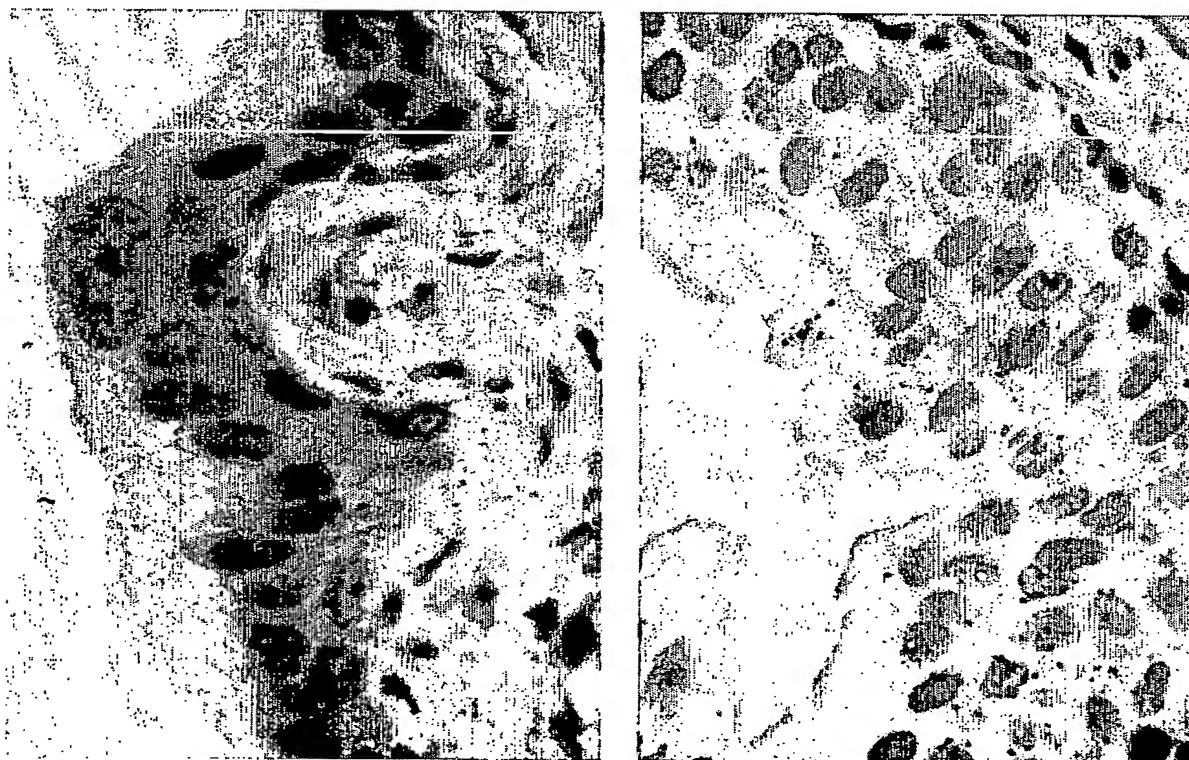
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GGAGGTCGCT	GAGTAGTGCG	CGAGCAAAAT	TTAAGCTACA	ACAAGGCAAG	
GCTTGACCGA	CAATTGCATG	AAGAATCTGC	TTAGGGTTAG	GCGTTTTGCG	200
CTGCTTCGCG	ATGTACGGGC	CAGATATACG	CGTTGACATT	GATTATTGAC	
TAGTTATTAA	TAGTAATCAA	TTACGGGGTC	ATTAGTTCAT	AGCCCATATA	300
TGGAGTTCGG	CGTTACATAA	CTTACGGTAA	ATGGCCCGCC	TGGCTGACCG	
CCCAACGACC	CCCGCCCAT	GACGTCAATA	ATGACGTATG	TTCCCATAGT	400
AACGCCAATA	GGGACTTTCC	ATTGACGTCA	ATGGGTGGAC	TATTTACGGT	
AAACTGCCCA	CTTGGCAGTA	CATCAAGTGT	ATCATATGCC	AAGTACGCCC	500
CCTATTGACG	TCAATGACGG	TAAATGGCCC	GCCTGGCATT	ATGCCCAGTA	
CATGACCTTA	TGGGACTTTC	CTACTTGCCA	GTACATCTAC	GTATTAGTCA	600
TCGCTATTAC	CATGGTGATG	CGGTTTTGGC	AGTACATCAA	TGGGCGTGGA	
TAGCGGTTTG	ACTCACGGGG	ATTTCCAAGT	CTCCACCCCA	TTGACGTCAA	700
TGGGAGTTTG	TTTTGGCACC	AAAATCAACG	GGACTTTCCA	AAATGTCGTA	
ACAACCTCCG	CCCATTGACG	CAAATGGGCG	GTAGGCGTGT	ACGGTGGGAG	800
GTCTATATAA	GCAGAGCTCT	CTGGCTAACT	AGAGAACCCA	CTGCTTACTG	
GCTTATCGAA	ATTAATACGA	CTCACTATAG	GGAGACCCAA	GCTGGCTAGC	900
CACCATGGAG	ACAGACACAC	TCCTGCTATG	GGTACTGCTG	CTCTGGGTTC	
CAGGTTCCAC	TGGTGACGCG	GCCCAGCCGG	CCAGGCGCAG	GAGGTCCCTGC	1000
AACACTGCCA	CCTGTGTGAC	CCATCGGCTG	GCAGGTCTGC	TGAGCAGATC	
AGGAGGTGTG	GTGAAGGACA	ACTTTGTTC	CACCAATGTG	GGCTCTGAAG	1100
CCTTCGGCTG	ACGAACAAAA	ACTCATCTCA	GAAGAGGATC	TGAATAGCGC	
CGTCGACCAT	CATCATCATC	ATCATTGAGT	TFAAACCCGC	TGATCAGCCT	1200
CGACTGTGCC	TTCTAGTTGC	CAGCCATCTG	TTGTTTGCCC	CTCCCCCGTG	
CCTTCCTTGA	CCCTGGAAGG	TGCCACTCCC	ACTGTCCTTT	CCTAATAAAA	1300
TGAGGAAATT	GCATCGCATT	GTCTGAGTAG	GTGTCATTCT	ATTCTGGGGG	
GTGGGGTGGG	GCAGGACAGC	AAGGGGGAGG	ATTGGGAAGA	CAATAGCAGG	1400
CATGCTGGGG	ATGCGGTGGG	CTCTATGGCT	TCTGAGGCGG	AAAGAACCAG	
CTGGGGCTCT	AGGGGGTATC	CCCACGCGCC	CTGTAGCGGC	GCATTAAAGCG	1500
CGGCGGGTGT	GGTGGTTACG	CGCAGCGTGA	CCGCTACACT	TGCCAGCGCC	
CTAGCGCCCC	CTCCTTTCGC	TTTCTTCCCT	TCCTTTCTCG	CCACGTTTCGC	1600
CGGCTTTCCC	CGTCAAGCTC	TAAATCGGGG	CATCCCTTTA	GGGTTCGGAT	
TTAGTGCTTT	ACGGCACCTC	GACCCCAAAA	AACCTTGATTA	GGGTGATGGT	1700
TCACGTAGTG	GGCCATCGCC	CTGATAGACG	GTTTTTTCGCC	CTTTGACGTT	
GGAGTCCACG	TTCTTTAATA	GTGGACTCTT	GTTCCAAACT	GGAACAACAC	1800
TCAACCCTAT	CTCGGTCTAT	TCTTTTGATT	TATAAGGGAT	TTTGGGGATT	
TCGGCCTATT	GGTTAAAAAA	TGAGCTGATT	TAACAAAAAT	TTAACGCGAA	1900
TTAATTCTGT	GGAATGTGTG	TCAGTTAGGG	TGTGGAAAGT	CCCCAGGCTC	
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GGTGTGGA	GTCCCCAGGC	TCCCCAGCAG	GCAGAAGTAT	GCAAAGCATG	
CATCTCAATT	AGTCAGCAAC	CATAGTCCCG	CCCCTAACTC	CGCCCATCCC	2100
GCCCCTAACT	CCGCCAGT	CCGCCCATTC	TCCGCCCAT	GGCTGACTAA	
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CAGAAAGTAGT	GAGGAGGCTT	TTTTTGAGGC	CTAGGCTTTT	GCAAAAAGCT	
CCCGGGAGCT	TGTATATCCA	TTTTTCGGATC	TGATCAGCAC	GTGTTGACAA	2300
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Figure 5A

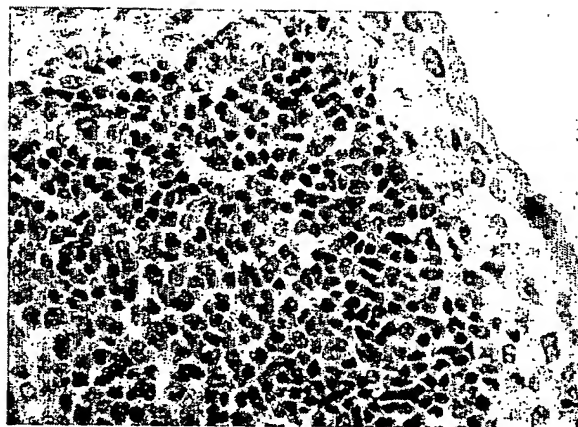
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TGTTTCATCAG	CGCGGTCCAG	GACCAGGTGG	TGCCCGACAA	CACCCTGGCC	
TGGGTGTGGG	TGCGCGGCCT	GGACGAGCTG	TACGCCGAGT	GGTCGGAGGT	2600
CGTGTCCACG	AACTTCCGGG	ACGCCTCCGG	GCCGGCCATG	ACCGAGATCG	
GCGAGCAGCC	GTGGGGGCGG	GAGTTCGCCC	TGCGCGACCC	GGCCGGCAAC	2700
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TTCGCCACC	CCAACTTGTT	TATTGCAGCT	TATAATGGTT	ACAAATAAAG	2900
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GTTGTGGTTT	GTCCAAACTC	ATCAATGTAT	CTTATCATGT	CTGTATACCG	3000
TCGACCTCTA	GCTAGAGCTT	GGCGTAATCA	TGGTCATAGC	TGTTTCCTGT	
GTGAAATTGT	TATCCGCTCA	CAATTCCACA	CAACATACGA	GCCGGAAGCA	3100
TAAAGTGTA	AGCCTGGGGT	GCCTAATGAG	TGAGCTAACT	CACATTAATT	
GCGTTGCGCT	CACTGCCCGC	TTTCCAGTCG	GGAAACCTGT	CGTGCCAGCT	3200
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GCTCTTCCGC	TTCTTCGCTC	ACTGACTCGC	TGCGCTCGGT	CGTTCGGCTG	3300
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ACAAACCACC	GCTGGTAGCG	GTGGTTTTTT	TGTTTGCAAG	CAGCAGATTA	4000
CGCGCAGAAA	AAAAGGATCT	CAAGAAGATC	CTTGATCTTT	TTCTACGGGG	
TCTGACGCTC	AGTGGAACGA	AAACTCACGT	TAAGGGATTT	TGGTCATGAG	4100
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Figure 5B

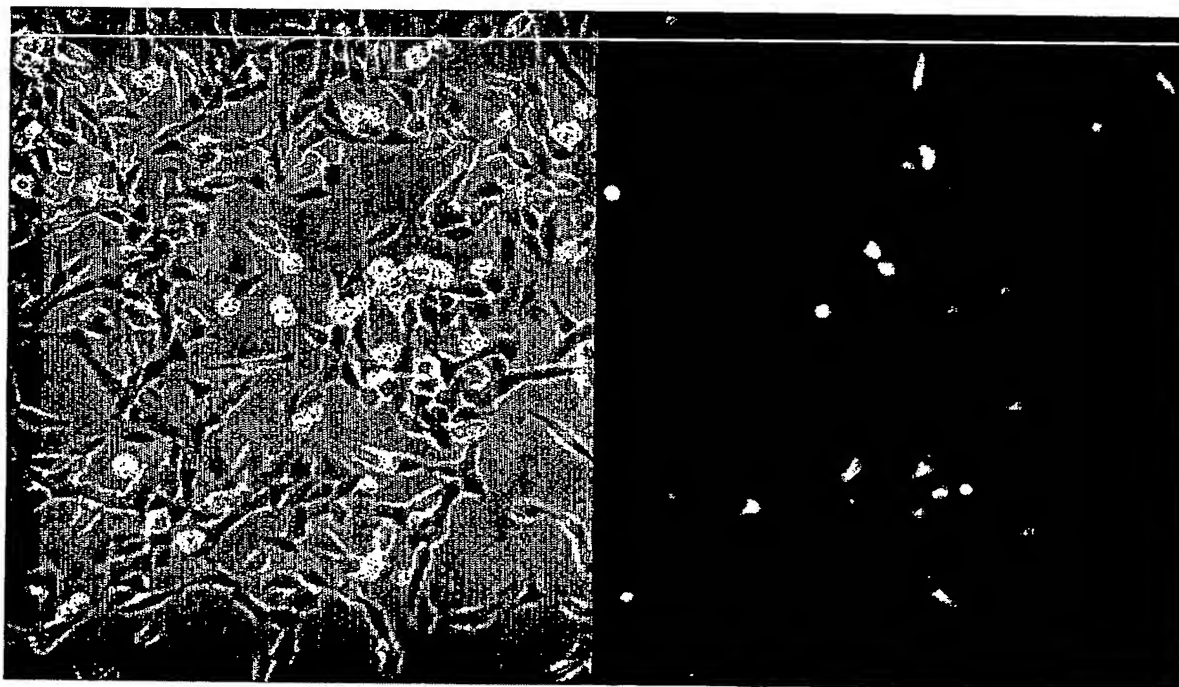
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**Figure 5C****Figure 6**

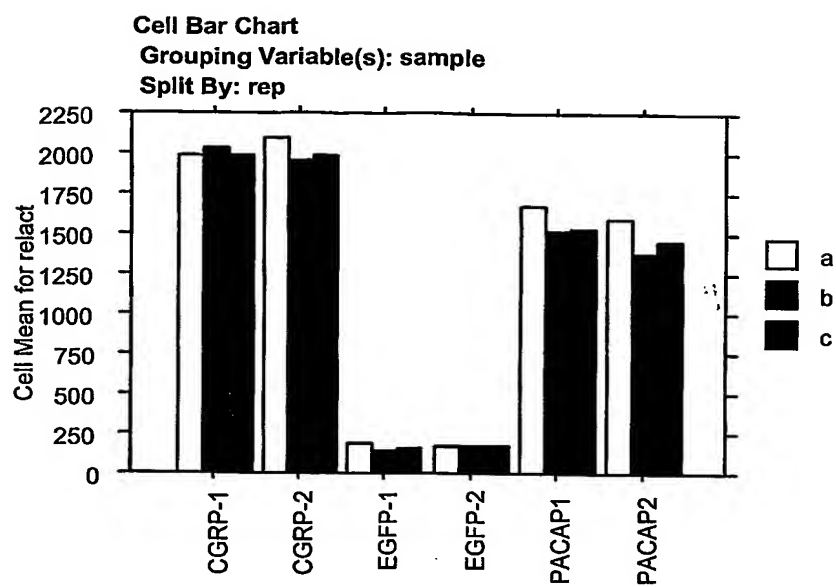




**Figure 7**



**Figure 8**

**Figure 9**